

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 1

2. AMENDMENT/MODIFICATION NO.

R0004

3. EFFECTIVE DATE

08/23/04

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

W911KB

7. ADMINISTERED BY (If other than Item 6)

CODE

W911KB

US ARMY ENGINEER DISTRICT, AK
CEPOA-CT (W911KB)
PO BOX 6898
ELMENDORF AFB, AK 99506-6898

JUNE WOHLBACH

(907)753-5624

US ARMY ENGINEER DISTRICT, AK
CEPOA-CO-SAO
PO BOX 6898
ELMENDORF AFB, ALASKA 99506-6898

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

(X)

9A. AMENDMENT OF SOLICITATION NO.

X

W911KB-04-R-0041

9B. DATED (SEE ITEM 11)

07/21/04

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 13)

CODE 089C4

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS



The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers



is extended,



is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning 0 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If required)

PROJECT TITLE AND LOCATION: Upgrade Fitness Center, Elmendorf AFB, Alaska (ELM267)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT:

Contractor



is not,



is required to sign this document and return

copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

PROPOSAL DUE DATE IS 03 SEP 2004, 2:00 pm, local time, at the US Army Corps of Engineers, 2204 Third St, Elmendorf AFB, Alaska.

NOTICE TO OFFERORS: Please mark outside of envelope to show amendment received. You are required to acknowledge receipt of amendments on the reverse side of Standard Form 1442.

A REMINDER THAT ELMENDORF AFB IS STILL UNDER TIGHT SECURITY. BE SURE TO HAVE ALL NECESSARY PAPERWORK NEEDED TO GET A BASE PASS AND GIVE YOURSELF PLENTY OF TIME TO PROCESS THROUGH THE BONIFACE GATE.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

BY

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-9070

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STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

AMENDMENT R0004

General Clarifications for questions dated 18 Aug 04:

1. How may I locate the static, residual, and flow for this project?

Response – Contact Hazim Yunis, 552-3079

Changes made to the solicitation:

Section 00100, Tab B, Government Betterments And Contractor's Proposed Betterments

Section 00100, Tab C, Proposed Schedule

Section 01010, Project Requirements, Room Criteria Sheets

Section 01010, Project Requirements, 2.8.4, Fire Suppression System

The Government has identified desired Betterments in order of preference in Section 01010. In narrative form, address each Betterment (be advised, funding is not available for betterments that exceed the price target ceiling) listed in Section 01010 that you have included in your proposal, and a description of how you intend to accomplish the Betterment.

"Contractor's Proposed Betterments" are the offeror's opportunity for design and construction creativity that exceeds the minimum requirements stated in the Request For Proposal. "Contractor's Proposed Betterments" are defined as portions of the proposals where features, components, or systems which add to or enhance the requirements of the contract as their proposal enhances or adds to the requirements of the solicitation, or improves the final product while not exceeding the target price. ~~AM#4... The offeror shall provide supporting narrative to quoting dollar amounts discuss how the price is affected by each Contractor's Proposed Betterment. The offeror shall provide supporting narrative to show how the Government will benefit from each innovation. Without quoting dollar amounts, discuss how the price is affected by each Contractor Proposed Betterment. ...AM#4~~

Table 1.

GOVERNMENT BETTERMENTS		
1	reserved	
2	Gymnasium Lighting	Included/ Excluded
3	Pool Lighting	Included/ Excluded
4	Replace Pool Suspended Ceiling	Included/ Excluded

Table 2.

CONTRACTOR PROPOSED BETTERMENTS		
#	Description	Affect on project
		I.E. "Better Value", "Better Function"
		Included Excluded

TAB C: PROPOSED SCHEDULE

Capability: Provide a narrative, describing your scheduling capability and planning organization. Address how you maintain, update and use your schedule. Describe the software you intend to use. The software must support the Corps of Engineers Data Exchange format in accordance with Section 001320.

Schedule: Submit a proposed schedule for design and construction. This schedule shall clearly show how it compares to the number of days stated in Section 700 (52.211-10) and the sequence of construction

stated in SCR-43. Assume an NTP date of 10 October 2004. The Offeror shall acknowledge that he understands that the total contract duration proposed in this schedule shall become contractually binding should that offeror receive the award. In addition, the proposed schedule shall be used as the basis for development of the initial NAS as defined by Section 001320. Schedules or diagrams may be provided separately in a size that is easily read, but shall be bound and clearly labeled. The schedules shall be task oriented, indicating the number of calendar days, after notice to proceed, by which milestones are to be achieved. The schedule shall be presented graphically using a critical path method. Give special attention to the following features.

The Building will not be turned over to the successful offeror until **AM#4... 1 November 2004. 15 January 2005 ...AM#4** Show this date on the schedule.

Show the design phase, including events associated with coordinating the design submittals, Government review and conferences, and the proper handling of the review comments. Show Government and Contractor Proposed Betterments included in proposal, design and construction.

Show the construction phase for each major feature of construction. The schedule shall indicate the offeror's understanding of the relationship between design after award and building construction within the project schedule. Shows a single design - construction critical path. All design schedules shall adhere to the timeframes given below.

Show O&M manual submission and required operator training.

Show turnover of the project. Identify any proposed phased turnovers. Show turnover inspections.

Show as-built submissions.

Constraints: Offeror must demonstrate the capability and flexibility to plan and schedule the complete project to meet the proposed contract completion date. Clearly identify any constraints on the schedules presented (e.g., labor or material availability, weather, interfaces with base utilities, etc.) indicate the anticipated critical path on the schedule.

Timeframes: The time durations for the following start to finish activities shall be included in the schedule for the project design as provided below:

65% Design Review period	30 days
Review Conference - 65% Design	up to 2 days
95% Design Review period	30 days
Review conference - 95% Design	up to 2 days
100% backcheck review	14 days

Work Plan: Show work plan submittal(s) ADEC, EPA submittals and associated review periods.

All work activities shall be scheduled and submitted to the ACO for approval.

TAB D: PROPOSED EQUIPMENT AND MATERIALS

Furnish manufacturers' catalog data on major pieces of equipment, fixtures, and architectural elements to indicate type of materials, equipment, size or capacities, manufacturer, and model number to be used in this project. Originals of manufacturer's catalog should be submitted where photocopies may not be legible.

W911KB-04-R-0041

SECTION 00700a
General Wage Decision AK030001
(Dated (06/13/2003)

Modification Record:

No.	Publication Date
0	06/13/2003
1	11/28/2003
2	02/06/2004
3	03/05/2004
4	04/02/2004
5	04/16/2004
6	05/14/2004
7	06/18/2004
8	07/23/2004 ...AM#1
9	08/06/2004 ...AM#1
10	08/20/2004 ...AM#4

General Wage Decision AK030006
(Dated (06/13/2003)

Modification Record:

No.	Publication Date
0	06/13/2003
1	11/28/2003
2	02/13/2004
3	03/05/2004
4	04/02/2004
5	04/16/2004
6	05/14/2004
7	08/06/2004 ...AM#1
8	08/20/2004 ...AM#4

BRS Document Viewer

General Decision Number: AK030001 08/20/2004

General Decision Number: AK030001 08/20/2004

Superseded General Decision Number: AK020001

State: Alaska

Construction Types: Building and Heavy

Counties: Alaska Statewide.

BUILDING AND HEAVY CONSTRUCTION PROJECTS (does not include
residential construction consisting of single family homes and
apartments up to and including 4 stories)

Modification Number Publication Date

0	06/13/2003
1	11/28/2003
2	02/06/2004
3	03/05/2004
4	04/02/2004
5	04/16/2004
6	05/14/2004
7	06/18/2004
8	07/23/2004
9	08/06/2004
10	08/20/2004

ASBE0097-001 01/01/2004

	Rates	Fringes
Asbestos Workers/Insulator (includes application of all insulating materials protective coverings, coatings and finishings to all types of mechanical systems)...	\$ 29.63	9.42

ASBE0097-002 01/01/2004

	Rates	Fringes
Hazardous Material Handler (includes preparation, wetting, stripping, removal scrapping, vacuuming, bagging, and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems).....	\$ 26.45	9.42

BOIL0502-002 01/01/2004

	Rates	Fringes
Boilermaker.....	\$ 35.23	15.37

BRAK0001-002 07/01/2003

	Rates	Fringes
Bricklayer, Blocklayer, Stonemason, Marble Mason, Tile Setter, Terrazzo Worker...	\$ 30.13	11.80
Tile & Terrazzo Finisher.....	\$ 24.70	11.80

CARP1243-003 07/01/2003

North of the 63rd Parallel

	Rates	Fringes
Carpenter/Lather/Drywall		
Applicator.....	\$ 31.40	12.20
Carpenter: Fire or Flood		
Repair Work.....	\$ 31.99	12.20
Millwright.....	\$ 32.38	12.20

CARP1281-004 07/01/2003

SOUTH OF 63RD PARALLEL

	Rates	Fringes
Acoustical Applicator and		
Lather.....	\$ 28.10	12.70
Carpenters & Drywallers.....	\$ 28.10	12.70
Millwright.....	\$ 28.80	12.70

* CARP2520-003 08/01/2004

	Rates	Fringes
Diver		
Stand-by.....	\$ 33.78	12.70
Tender.....	\$ 32.78	12.70
Working.....	\$ 67.56	12.70
Piledriver		
Carpenter.....	\$ 30.30	12.70
Piledriver; Skiff Operator		
and Rigger.....	\$ 29.14	12.70
Sheet Pile Stabber.....	\$ 30.14	12.70
Welder.....	\$ 30.90	12.70

ELEC1547-004 11/03/2003

	Rates	Fringes
Cable splicer.....	\$ 33.17	3%+13.10
Electrician;Technician.....	\$ 31.42	3%+13.10

ELEC1547-005 01/01/2004

	Rates	Fringes
Cable splicer.....	\$ 35.90	3%+16.00
Linemen (Including Equipment		
Operators, Technician).....	\$ 34.15	3%+16.00
Powderman.....	\$ 32.15	3%+16.00
Tree Trimmer.....	\$ 22.95	3%+16.00

ELEV0019-002 01/01/2004

	Rates	Fringes
Elevator Mechanic.....	\$ 37.695	10.765+a

FOOTNOTE: a. Employer contributes 8% of the basic hourly rate
for over 5 year's service and 6% of the basic
hourly rate for 6 months to 5 years' of service
as vacation paid credit. Seven paid holidays:
New Year's Day; Memorial Day; Independence Day;
Labor Day, Thanksgiving Day; Friday after
Thanksgiving and Christmas Day

ENGI0302-002 09/01/2003

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 32.08	10.89

GROUP 1A.....	\$ 33.62	10.89
GROUP 2.....	\$ 31.41	10.89
GROUP 3.....	\$ 30.78	10.89
GROUP 4.....	\$ 25.36	10.89

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Roller; Back Filler; Barrier Machine (Zipper); Batch Plant Operator: Batch and Mixer over 200 yds.; Beltcrete with power pack and similar conveyors; Bending Machine; Boat Coxwains; Bulldozers; Cableways, Highlines and Cablecars; Cleaning Machine; Coating Machine; Concrete Hydro Blaster; Cranes-45 tons and under or 150 foot boom and under (including jib and attachments): (a) Shovels, Backhoes, Draglines, Clamshells; Gradalls-3 yards and under; (b) Hydralifts or Transporters, all track or truck type, (c) Derricks; Crushers; Deck Winches-Double Drum; Ditching or Trenching Machine (16 inch or over); Drilling Machines, core, cable, rotary and exploration; Finishing Machine Operator, concrete paving, Laser Screed, sidewalk, curb and gutter machine; Helicopters; Hover Craft, Flex Craft, Loadmaster, Air Cushion, All Terrain Vehicle, Rollagon, Bargecable, Nodwell Sno Cat; Hydro Ax: Feller Buncher and similar; Loaders: Forklifts with power boom and swing attachment, Overhead and front end, 2 1/2 yards through 5 yards, Loaders with forks or pipe clamps, Loaders, elevating belt type, Euclid and similar types; Mechanics, Bodyman; Micro Tunneling Machine; Mixers: Mobile type w/hoist combination; Motor Patrol Grader; Mucking Machines: Mole, Tunnel Drill, Horizontal/Directional Drill Operator, and/or Shield; Operator on Dredges; Piledriver Engineers, L. B. Foster, Puller or similar Paving Breaker; Power Plant, Turbine Operator, 200 k.w. and over (power plants or combination of power units over 300 k.w.); Sauerman-Bagley; Scrapers-through 40 yards; Service Oiler/Service Engineer; Sidebooms-under 45 tons; Shot Blast Machine; Spreaders, Blaw Knox, Cedarapids, Barber Greene, Slurry Machine; Sub-grader (Gurries, C.M.I. and C.M.I. Roto Mills and similar types); Tack tractor; Truck mounted Concrete Pumps, Conveyor, Creter; Water Kote Machine; Unlicensed off road hauler

GROUP 1A: Cranes-over 45 tons or 150 foot (including jib and attachments): (a) Shovels, backhoes, draglines, clamshells-over 3 yards, (b) Tower cranes; Loaders over 5 yds.; Motor Patrol Grader (finish: when finishing to final graders and/or to hubs, or for asphalt); Power Plants: 1000 k.w. and over; Quad; Screed; Sidebooms over 45 tons; Slip Form Paver C.M.I. and similar types; Scrapers over 40 yards

GROUP 2: Batch Plant Operators: Batch and Mixer 200 yds. per hour and under; Boiler-fireman; Cement Hog and Concrete Pump Operator; Conveyors (except as listed in group 1); Hoist on steel erection; Towermobiles and Air Tuggers; Horizontal/Directional Drill Locator; Loaders, Elevating Grader, Dumor and similar; Locomotives: rod and geared engines; Mixers; Screening, Washing Plant; Sideboom (cradling rock drill regardless of size); Skidder; Trenching Machine under 16 inches.

GROUP 3: "A" Frame Trucks, Deck Winches: single power drum; Bombardier (tack or tow rig); Boring Machine; Brooms-power;

Bump Cutter; Compressor; Farm tractor; Forklift, industrial type; Gin Truck or Winch Truck with poles when used for hoisting; Grade Checker and Stake Hopper; Hoist, Air Tuggers, Elevators; Loaders: (a) Elevating-Athey, Barber Green and similar types (b) Forklifts or Lumber Carrier (on construction job site) (c) Forklifts with Tower (d) Overhead and Front-end, under 2 1/2 yds. Locomotives: Dinkey (air, steam, gas and electric) Speeders; Mechanics (light duty); Mixers: Concrete Mixers and Batch 200 yds. per hour and under; Oil, Blower Distribution; Post Hole Diggers, mechanical; Pot Fireman (power agitated); Power Plant, Turbine Operator, under 300 k.w.; Pumps-water; Rig oiler/assistant engineer, over 45 ton, over 3 yards or over 150 foot boom; Roller-other than Plantmix; Saws, concrete; Straightening Machine; Tow Tractor

GROUP 4: Rig Oiler/Assistant Engineer (Advances to Group III if over 45 tons or 3 yards or 150 ft. boom); Swamper (on trenching machines or shovel type equipment); Spotter; Steam Cleaner

FOOTNOTE: Groups 1-4 receive 10% premium while performing tunnel or underground work.

IRON0751-003 08/01/2003

	Rates	Fringes
Ironworkers:		
BRIDGE, STRUCTURAL,		
ORNAMENTAL, REINFORCING		
MACHINERY MOVER, RIGGER,		
SHEETER, STAGE RIGGER,		
BENDER OPERATOR.....	\$ 27.50	14.10
FENCE, BARRIER AND		
GUARDRAIL INSTALLERS.....	\$ 24.00	13.85
GUARDRAIL LAYOUT MAN.....	\$ 24.74	13.85
HELICOPTER, TOWER.....	\$ 28.50	14.10

LABO0341-005 09/01/2003

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 24.49	11.50
GROUP 2.....	\$ 25.24	11.50
GROUP 3.....	\$ 25.89	11.50
GROUP 3A.....	\$ 28.29	11.50
GROUP 4.....	\$ 16.84	11.50
TUNNELS, SHAFTS, AND RAISES		
GROUP 1.....	\$ 26.94	11.50
GROUP 2.....	\$ 27.76	11.50
GROUP 3.....	\$ 28.48	11.50
GROUP 3A.....	\$ 31.12	11.50

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Workers (shovelman, plant crew); Brush Cutters; Camp Maintenance Laborer; Carpenter Tenders; Choke Setters, Hook Tender, Rigger, Signalman; Concrete Laborer (curb and gutter, chute handler, grouting, curing, screeding); Crusher Plant Laborer; Demolition Laborer; Ditch Diggers; Dump Man; Environmental Laborer (asbestos (limited to nonmechanical systems), hazardous and toxic waste, oil spill); Fence Installer; Fire Watch Laborer;

Flagman; Form Strippers; General Laborer; Guardrail Laborer, Bridge Rail Installers; Hydro-Seeder Nozzleman; Laborers (building); Landscape or Planter; Material Handlers; Pneumatic or Power Tools; Portable or Chemical Toilet Serviceman; Pump Man or Mixer Man; Railroad Track Laborer; Sandblast, Pot Tender; Saw Tenders; Scaffold Building and Erecting; Slurry Work; Stake Hopper; Steam Point or Water Jet Operator; Steam Cleaner Operator; Tank Cleaning; Utiliwalk and Utilidor Laborer; Watchman (construction projects); Window Cleaner
 GROUP 2: Burning and Cutting Torch; Cement or Lime Dumper or Handler (sack or bulk); Choker Splicer; Chucktender (wagon, airtrack and hydraulic drills); Concrete Laborers (power buggy, concrete saws, pumpcrete nozzleman, vibratorman); Environmental Laborer (marine work); Foam Gun or Foam Machine Operator; Green Cutter (dam work); Guardrail Machine Operator; Gunnite Operator; Hod Carriers; Jackhammer or Pavement Breakers (more than 45 pounds); Mason Tender and Mud Mixer (sewer work); Plasterer, Bricklayer and Cement Finisher Tenders; Power Saw Operator; Railroad Switch Layout Laborer; Sandblaster; Sewer Caulkers; Sewer Plant Maintenance Man; Thermal Plastic Applicator; Timber Faller, chain saw operator, filer; Timberman
 GROUP 3: Bit Grinder; Drill Doctor (in the field); Drillers (including, but not limited to, wagon drills, air track drills; hydraulic drills); High Rigger and tree topper; Higher Scaler; Pioneer Drilling and Drilling Off Tugger (all type drills); Powderman; Slurry Seal Squeegee Man
 GROUP 3A: Asphalt Raker, Asphalt Belly dump lay down; Grade checker (setting or transferring of grade marks, line and grade); Pipelayers
 GROUP 4: Final Building Cleanup
 TUNNELS, SHAFTS, AND RAISES CLASSIFICATIONS
 GROUP 1: Brakeman; Muckers; Nippers; Topman and Bull Gang; Tunnel Track Laborer
 GROUP 2: Burning and Cutting Torch; Concrete Laborers; Jackhammers; Laser Instrument Operators; Nozzleman, Pumpcrete or Shotcrete; Pipelayers.
 GROUP 3: Miner; Miner; Retimberman
 GROUP 3A: Powderman
 Tunnel shaft and raise rates only apply to workers regularly employed inside a tunnel portal or shaft collar.

 PAIN1140-004 07/01/2004
 SOUTH OF THE 63RD PARALLEL

	Rates	Fringes
Painters:		
Brush, Roller, Sign, Paper and Vinyl, Swing Stage, Hand Taper/Drywall, Structural Steel, and Commercial Spray.....	\$ 23.79	12.89
Machine Taper/Drywall.....	\$ 23.99	12.89
Spray-Sand/Blast, Epoxy and Tar Applicator.....	\$ 24.59	12.89
Steeple Jack & Tower.....	\$ 25.59	12.89

PAIN1140-005 07/01/2004

	Rates	Fringes
Soft Floor Layer.....	\$ 25.40	8.87

PAIN1140-006 07/01/2004
SOUTH OF THE 63RD PARALLEL

	Rates	Fringes
Glazier.....	\$ 27.00	12.60

PAIN1555-004 04/01/2004
NORTH OF THE 63RD PARALLEL

	Rates	Fringes
Hazardous Material Applicator		
LEAD BASED PAINT		
ABATEMENT, RADON		
MITIGATION, SANDBLAST,		
STRUCTURAL STEEL, TAPING,		
TEXTURING.....	\$ 28.50	12.47
Painter		
BRUSH, BUFFER OPERATOR,		
FLOOR-COVERER, POT TENDER,		
ROLL SPRAY, WALLCOVERER.....	\$ 28.00	12.47

PAIN1555-005 06/01/2004
NORTH OF THE 63RD PARALLEL

	Rates	Fringes
Glazier.....	\$ 27.60	12.07

PLAS0867-001 04/01/2004

	Rates	Fringes
Plasterer		
NORTH OF THE 63RD PARALLEL..	\$ 30.39	11.51
SOUTH OF THE 63RD PARALLEL..	\$ 30.14	11.51

PLAS0867-003 04/01/2004

	Rates	Fringes
Cement Mason		
NORTH OF THE 63RD PARALLEL..	\$ 29.54	11.51
SOUTH OF THE 63RD PARALLEL..	\$ 29.29	11.51

PLUM0262-002 07/01/2004
East of the 141st Meridian

	Rates	Fringes
Plumber; Steamfitter.....	\$ 29.09	12.05

PLUM0367-002 07/01/2004
South of the 63rd Parallel

	Rates	Fringes
Plumber; Steamfitter.....	\$ 31.30	13.62

PLUM0375-002 07/01/2004
North of the 63rd Parallel

	Rates	Fringes
Plumber; Steamfitter.....	\$ 35.16	15.45

PLUM0669-002 04/01/2004

	Rates	Fringes
Sprinkler Fitter.....	\$ 37.85	8.65

ROOF0190-002 09/01/2003		
	Rates	Fringes
Roofer		
North of the 63rd Parallel..	\$ 30.20	10.92
South of the 63rd Parallel..	\$ 28.20	10.92

SH EE0023-003 07/01/2004		
South of the 63rd Parallel		
	Rates	Fringes
Sheet Metal Worker.....	\$ 32.58	13.31

SH EE0023-004 09/01/2003		
North of the 63rd Parallel		
	Rates	Fringes
Sheet Metal Worker.....	\$ 33.36	12.89

TEAM0959-003 09/01/2003		
	Rates	Fringes
Truck Driver		
GROUP 1.....	\$ 32.10	10.07
GROUP 1A.....	\$ 33.15	10.07
GROUP 2.....	\$ 31.05	10.07
GROUP 3.....	\$ 30.37	10.07
GROUP 4.....	\$ 29.90	10.07
GROUP 5.....	\$ 29.26	10.07
GROUP 1: Semi with Double Box Mixer; Dump Trucks (including rockbuggy and trucks with pups) over 40 yards up to and including 60 yards; Deltas, Commanders, Rollogans and similar equipment when pulling sleds, trailers or similar equipment; Boat Coxswain; Lowboys including attached trailers and jeeps, up to and including 12 axles; Ready-mix over 12 yards up to and including 15 yards)		
GROUP 1A: Dump Trucks (including Rockbuggy and Trucks with pups) over 60 yards up to and including 100 yards		
GROUP 2: Turn-O-Wagon or DW-10 not self-loading; All Deltas, Commanders, Rollogans, and similar equipment; Mechanics; Tireman, heavy duty; Dump Trucks (including Rockbuggy and Trucks with pups) over 20 yards up to and including 40 yards; Lowboys including attached trailers and jeeps up to and including 8 axles; Super vac truck/cacasco truck/heat stress truck; Ready-mix over 7 yards up to and including 12 yards		
GROUP 3: Dump Trucks (including Rockbuggy and Trucks with pups) over 10 yards up to and including 20 yards; batch trucks 8 yards and up; Oil distributor drivers; Greaser; Water Wagon (when pulled by Euclid or similar type equipment); Partsman		
GROUP 4: Buggymobile; Semi or Truck and trailer; Dumpster; Tireman (light duty); Dump Trucks (including Rockbuggy and Truck with pups) up to and including 10 yards; Track Truck Equipment; Stringing Truck; Fuel Truck; Fuel Handler with truck; Grease Truck; Flat Beds, dual rear axle; Hyster Operators (handling bulk aggregate); Lumber Carrier; Water Wagon, semi; Water Wagon, dual axle; Gin Pole Truck, Winch		

Truck, Wrecker, Truck Mounted "A" Frame manufactured rating over 5 tons; Bull Lifts and Fork Lifts with Power Boom and Swing attachments, over 5 tons; Front End Loader with Forks; Bus Operator over 30 passengers; All Terrain Vehicles; Boom Truck/Knuckle Truck over 5 tons; Foam Distributor Truck/dual axle; Hydro-seeders, dual axle; Vacuum Trucks, Truck Vacuum Sweepers; Vacuum Trucks, Truck Vacuum Sweepers; Loadmaster (air and water); Air Cushion or similar type vehicle; Fire Truck; Combination Truck-fuel and grease; Compactor (when pulled by rubber tired equipment); Rigger (air/water/oilfield); Ready Mix, up to and including 7 yards

GROUP 5: Gravel Spreader Box Operator on Truck; Flat Beds, single rear axle; Boom Truck/Knuckle Truck up to and including 5 tons; Pickups (Pilot Cars and all light duty vehicles); Water Wagon, single axle; Gin Pole Truck, Winch Truck, Wrecker, Truck Mounted "A" Frame, manufactured rating 5 tons and under; Bull Lifts and Fork Lifts (fork lifts with power broom and swing attachments up to and including 5 tons); Buffer Truck; Tack Truck; Bus Operators (up to 30 passengers); Farm type Rubber Tired Tractor (when material handling or pulling wagons on a construction project); Foam Distributor, single axle; Hydro-Seeders, single axle; Team Drivers (horses, mules and similar equipment); Rigger (warehouse operation); Fuel Handler (station/bulk attendant); Batch Truck, up to and including 7 yards

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

BRS Document Viewer

General Decision Number: AK030006 08/20/2004

General Decision Number: AK030006 08/20/2004

State: Alaska

Construction Types: Highway

Counties: Aleutians East, Aleutians West, Anchorage, Bethel, Bristol Bay, Dillingham, Fairbanks North Star, Kenai Peninsula, Kodiak Island, Matanuska-Susitna, Nome, North Slope, Northwest Arctic, Southeast Fairbanks, Valdez-Cordova, Wade Hampton and Yukon-Koyukuk Counties in Alaska.

Highway Construction Projects

Modification Number Publication Date

0	06/13/2003
1	11/28/2003
2	02/13/2004
3	03/05/2004
4	04/02/2004
5	04/16/2004
6	05/14/2004
7	08/06/2004
8	08/20/2004

CARP1243-004 07/01/2003

North of the 63rd Parallel

	Rates	Fringes
Carpenter.....	\$ 31.40	12.20

CARP1281-006 07/01/2003

South of the 63rd Parallel

	Rates	Fringes
Carpenter.....	\$ 28.10	12.70

* CARP2520-004 08/01/2004

	Rates	Fringes
Piledriver		
Carpenter.....	\$ 30.30	12.70
Piledriver, Skiff		
operator, Rigger.....	\$ 29.14	12.70
Sheet Stabber.....	\$ 30.14	12.70
Welder.....	\$ 30.90	12.70

ELEC1547-004 11/03/2003

	Rates	Fringes
Cable splicer.....	\$ 33.17	3%+13.10
Electrician;Technician.....	\$ 31.42	3%+13.10

ELEC1547-005 01/01/2004

	Rates	Fringes
Cable splicer.....	\$ 35.90	3%+16.00
Linemen (Including Equipment		
Operators, Technician).....	\$ 34.15	3%+16.00
Powderman.....	\$ 32.15	3%+16.00
Tree Trimmer.....	\$ 22.95	3%+16.00

ENGI0302-002 09/01/2003

	Rates	Fringes
Power equipment operators:		
GROUP 1.....	\$ 32.08	10.89
GROUP 1A.....	\$ 33.62	10.89
GROUP 2.....	\$ 31.41	10.89
GROUP 3.....	\$ 30.78	10.89
GROUP 4.....	\$ 25.36	10.89
POWER EQUIPMENT OPERATOR CLASSIFICATIONS		
GROUP 1: Asphalt Roller; Back Filler; Barrier Machine (Zipper); Batch Plant Operator: Batch and Mixer over 200 yds.; Beltcrete with power pack and similar conveyors; Bending Machine; Boat Coxwains; Bulldozers; Cableways, Highlines and Cablecars; Cleaning Machine; Coating Machine; Concrete Hydro Blaster; Cranes-45 tons and under or 150 foot boom and under (including jib and attachments): (a) Shovels, Backhoes, Draglines, Clamshells; Gradalls-3 yards and under; (b) Hydralifts or Transporters, all track or truck type, (c) Derricks; Crushers; Deck Winches-Double Drum; Ditching or Trenching Machine (16 inch or over); Drilling Machines, core, cable, rotary and exploration; Finishing Machine Operator, concrete paving, Laser Screed, sidewalk, curb and gutter machine; Helicopters; Hover Craft, Flex Craft, Loadmaster, Air Cushion, All Terrain Vehicle, Rollagon, Bargecable, Nodwell Sno Cat; Hydro Ax: Feller Buncher and similar; Loaders: Forklifts with power boom and swing attachment, Overhead and front end, 2 1/2 yards through 5 yards, Loaders with forks or pipe clamps, Loaders, elevating belt type, Euclid and similar types; Mechanics, Bodyman; Micro Tunneling Machine; Mixers: Mobile type w/hoist combination; Motor Patrol Grader; Mucking Machines: Mole, Tunnel Drill, Horizontal/Directional Drill Operator, and/or Shield; Operator on Dredges; Piledriver Engineers, L. B. Foster, Puller or similar Paving Breaker; Power Plant, Turbine Operator, 200 k.w. and over (power plants or combination of power units over 300 k.w.); Sauerman-Bagley; Scrapers-through 40 yards; Service Oiler/Service Engineer; Sidebooms-under 45 tons; Shot Blast Machine; Spreaders, Blaw Knox, Cedarapids, Barber Greene, Slurry Machine; Sub-grader (Gurries, C.M.I. and C.M.I. Roto Mills and similar types); Tack tractor; Truck mounted Concrete Pumps, Conveyor, Creter; Water Kote Machine; Unlicensed off road hauler		
GROUP 1A: Cranes-over 45 tons or 150 foot (including jib and attachments): (a) Shovels, backhoes, draglines, clamshells-over 3 yards, (b) Tower cranes; Loaders over 5 yds.; Motor Patrol Grader (finish: when finishing to final graders and/or to hubs, or for asphalt); Power Plants: 1000 k.w. and over; Quad; Screed; Sidebooms over 45 tons; Slip Form Paver C.M.I. and similar types; Scrapers over 40 yards		
GROUP 2: Batch Plant Operators: Batch and Mixer 200 yds. per hour and under; Boiler-fireman; Cement Hog and Concrete Pump Operator; Conveyors (except as listed in group 1); Hoist on steel erection; Towermobiles and Air Tuggers; Horizontal/Directional Drill Locator; Loaders, Elevating Grader, Dumor and similar; Locomotives: rod and geared engines; Mixers; Screening, Washing Plant; Sideboom (cradling rock drill regardless of size); Skidder; Trencing		

Machine under 16 inches.

GROUP 3: "A" Frame Trucks, Deck Winches: single power drum; Bombardier (tack or tow rig); Boring Machine; Brooms-power; Bump Cutter; Compressor; Farm tractor; Forklift, industrial type; Gin Truck or Winch Truck with poles when used for hoisting; Grade Checker and Stake Hopper; Hoist, Air Tuggers, Elevators; Loaders: (a) Elevating-Athey, Barber Green and similar types (b) Forklifts or Lumber Carrier (on construction job site) (c) Forklifts with Tower (d) Overhead and Front-end, under 2 1/2 yds. Locomotives: Dinkey (air, steam, gas and electric) Speeders; Mechanics (light duty); Mixers: Concrete Mixers and Batch 200 yds. per hour and under; Oil, Blower Distribution; Post Hole Diggers, mechanical; Pot Fireman (power agitated); Power Plant, Turbine Operator, under 300 k.w.; Pumps-water; Rig oiler/assistant engineer, over 45 ton, over 3 yards or over 150 foot boom; Roller-other than Plantmix; Saws, concrete; Straightening Machine; Tow Tractor

GROUP 4: Rig Oiler/Assistant Engineer (Advances to Group III if over 45 tons or 3 yards or 150 ft. boom); Swamper (on trenching machines or shovel type equipment); Spotter; Steam Cleaner

FOOTNOTE: Groups 1-4 receive 10% premium while performing tunnel or underground work.

IRON0751-003 08/01/2003

	Rates	Fringes
Ironworkers:		
BRIDGE, STRUCTURAL,		
ORNAMENTAL, REINFORCING		
MACHINERY MOVER, RIGGER,		
SHEETER, STAGE RIGGER,		
BENDER OPERATOR.....	\$ 27.50	14.10
FENCE, BARRIER AND		
GUARDRAIL INSTALLERS.....	\$ 24.00	13.85
GUARDRAIL LAYOUT MAN.....	\$ 24.74	13.85
HELICOPTER, TOWER.....	\$ 28.50	14.10

LABO0341-007 09/01/2003

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 24.49	11.50
GROUP 2.....	\$ 25.24	11.50
GROUP 3.....	\$ 25.89	11.50
GROUP 3A.....	\$ 28.29	11.50
GROUP 4.....	\$ 16.84	11.50
Tunnels, Shafts, and Raises		
GROUP 1.....	\$ 26.94	11.50
GROUP 2.....	\$ 27.76	11.50
GROUP 3.....	\$ 28.48	11.50
GROUP 3A.....	\$ 31.12	11.50

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Workers (shovelman, plant crew); Brush Cutters; Camp Maintenance Laborer; Carpenter Tenders; Choke Setters, Hook Tender, Rigger, Signalman; Concrete Laborer (curb and gutter, chute handler, grouting, curing, screeding); Crusher Plant Laborer; Demolition Laborer;

Ditch Diggers; Dump Man; Environmental Laborer (asbestos (limited to nonmechanical systems), hazardous and toxic waste, oil spill); Fence Installer; Fire Watch Laborer; Flagman; Form Strippers; General Laborer; Guardrail Laborer, Bridge Rail Installers; Hydro-Seeder Nozzleman; Laborers (building); Landscape or Planter; Material Handlers; Pneumatic or Power Tools; Portable or Chemical Toilet Serviceman; Pump Man or Mixer Man; Railroad Track Laborer; Sandblast, Pot Tender; Saw Tenders; Scaffold Building and Erecting; Slurry Work; Stake Hopper; Steam Point or Water Jet Operator; Steam Cleaner Operator; Tank Cleaning; Utiliwalk and Utilidor Laborer; Watchman (construction projects); Window Cleaner

GROUP 2: Burning and Cutting Torch; Cement or Lime Dumper or Handler (sack or bulk); Choker Splicer; Chucktender (wagon, airtrack and hydraulic drills); Concrete Laborers (power buggy, concrete saws, pumpcrete nozzleman, vibratorman); Environmental Laborer (marine work); Foam Gun or Foam Machine Operator; Green Cutter (dam work); Guardrail Machine Operator; Gunnite Operator; Hod Carriers; Jackhammer or Pavement Breakers (more than 45 pounds); Mason Tender and Mud Mixer (sewer work); Plasterer, Bricklayer and Cement Finisher Tenders; Power Saw Operator; Railroad Switch Layout Laborer; Sandblaster; Sewer Caulkers; Sewer Plant Maintenance Man; Thermal Plastic Applicator; Timber Faller, chain saw operator, filer; Timberman

GROUP 3: Bit Grinder; Drill Doctor (in the field); Drillers (including, but not limited to, wagon drills, air track drills; hydraulic drills); High Rigger and tree topper; Higher Scaler; Pioneer Drilling and Drilling Off Tugger (all type drills); Powderman; Slurry Seal Squeegee Man

GROUP 3A: Asphalt Raker, Asphalt Belly dump lay down; Grade checker (setting or transferring of grade marks, line and grade); Pipelayers

GROUP 4: Final Building Cleanup

TUNNELS, SHAFTS, AND RAISES CLASSIFICATIONS

GROUP 1: Brakeman; Muckers; Nippers; Topman and Bull Gang; Tunnel Track Laborer

GROUP 2: Burning and Cutting Torch; Concrete Laborers; Jackhammers; Laser Instrument Operators; Nozzleman, Pumpcrete or Shotcrete; Pipelayers.

GROUP 3: Miner; Retimberman

GROUP 3A: Powderman

Tunnel shaft and raise rates only apply to workers regularly employed inside a tunnel portal or shaft collar.

PLAS0867-004 04/01/2004

	Rates	Fringes
Cement Mason		
North of the 63rd parallel..\$	29.54	11.51
South of the 63rd Parallel..\$	29.29	11.51

TEAM0959-003 09/01/2003

	Rates	Fringes
Truck Driver		
GROUP 1.....\$	32.10	10.07

GROUP 1A.....	\$ 33.15	10.07
GROUP 2.....	\$ 31.05	10.07
GROUP 3.....	\$ 30.37	10.07
GROUP 4.....	\$ 29.90	10.07
GROUP 5.....	\$ 29.26	10.07

GROUP 1: Semi with Double Box Mixer; Dump Trucks (including rockbuggy and trucks with pups) over 40 yards up to and including 60 yards; Deltas, Commanders, Rollogans and similar equipment when pulling sleds, trailers or similar equipment; Boat Coxswain; Lowboys including attached trailers and jeeps, up to and including 12 axles; Ready-mix over 12 yards up to and including 15 yards)

GROUP 1A: Dump Trucks (including Rockbuggy and Trucks with pups) over 60 yards up to and including 100 yards

GROUP 2: Turn-O-Wagon or DW-10 not self-loading; All Deltas, Commanders, Rollogans, and similar equipment; Mechanics; Tireman, heavy duty; Dump Trucks (including Rockbuggy and Trucks with pups) over 20 yards up to and including 40 yards; Lowboys including attached trailers and jeeps up to and including 8 axles; Super vac truck/cacasco truck/heat stress truck; Ready-mix over 7 yards up to and including 12 yards

GROUP 3: Dump Trucks (including Rockbuggy and Trucks with pups) over 10 yards up to and including 20 yards; batch trucks 8 yards and up; Oil distributor drivers; Greaser; Water Wagon (when pulled by Euclid or similar type equipment); Partsman

GROUP 4: Buggymobile; Semi or Truck and trailer; Dumpster; Tireman (light duty); Dump Trucks (including Rockbuggy and Trucks with pups) up to and including 10 yards; Track Truck Equipment; Stringing Truck; Fuel Truck; Fuel Handler with truck; Grease Truck; Flat Beds, dual rear axle; Hyster Operators (handling bulk aggregate); Lumber Carrier; Water Wagon, semi; Water Wagon, dual axle; Gin Pole Truck, Winch Truck, Wrecker, Truck Mounted "A" Frame manufactured rating over 5 tons; Bull Lifts and Fork Lifts with Power Boom and Swing attachments, over 5 tons; Front End Loader with Forks; Bus Operator over 30 passengers; All Terrain Vehicles; Boom Truck/Knuckle Truck over 5 tons; Foam Distributor Truck/dual axle; Hydro-seeders, dual axle; Vacuum Trucks, Truck Vacuum Sweepers; Vacuum Trucks, Truck Vacuum Sweepers; Loadmaster (air and water); Air Cushion or similar type vehicle; Fire Truck; Combination Truck-fuel and grease; Compactor (when pulled by rubber tired equipment); Rigger (air/water/oilfield); Ready Mix, up to and including 7 yards

GROUP 5: Gravel Spreader Box Operator on Truck; Flat Beds, single rear axle; Boom Truck/Knuckle Truck up to and including 5 tons; Pickups (Pilot Cars and all light duty vehicles); Water Wagon, single axle; Gin Pole Truck, Winch Truck, Wrecker, Truck Mounted "A" Frame, manufactured rating 5 tons and under; Bull Lifts and Fork Lifts (fork lifts with power broom and swing attachments up to and including 5 tons); Buffer Truck; Tack Truck; Bus Operators (up to 30 passengers); Farm type Rubber Tired Tractor (when material handling or pulling wagons on a construction project); Foam Distributor, single axle; Hydro-Seeders,

single axle; Team Drivers (horses, mules and similar equipment); Rigger (warehouse operation); Fuel Handler (station/bulk attendant); Batch Truck, up to and including 7 yards

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

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END OF GENERAL DECISION

wireguard. The new lighting system would improve lighting quality, light level and reduce energy consumption.

- B. GOVERNMENT BETTERMENT 2 Pool Lighting Upgrades: The existing lighting system for the Pool uses pendant mounted fixtures mounted in a regular pattern over the pool. The lighting levels appear adequate however the fixtures located directly over the water create maintenance and potential safety issues. Option one would be to relight the Pool area with an indirect lighting system. This would utilize wall mounted and/or pendant "Puck" fixtures to light the ceiling. An indirect lighting system should work well with the ceiling height in the pool area. The advantage to this system is that there would be no glare on the water surface advantageous for swimming competition events and overall visual safety for the lifeguards. Another option is to use ceiling surface mounted fixtures with an asymmetric throw around the perimeter of the pool. Both options would eliminate fixtures mounted above the water. Pulse start metal halide fixtures should be used in both applications.

2.7.6 Power – Special Locations

- A. In hazardous locations, provide materials and equipment listed for use in accordance with the hazardous location classification. Currently there are no locations known to require hazardous location materials and equipment.

2.7.7 Service Entrance and Main Distribution Equipment

- A. Extend the Base primary (Primary #46) distribution system and provide a new pad mount transformer to serve the facility, including a future 3251 square meters (35,000 square feet) addition. Refer to Appendix 8 for a sketch of the existing site primary power. -Refer to Appendix 11 for Elmendorf Electrical Installation Standards.

- B. **AM #4 Provide a new service and new pad mount transformer of adequate capacity to serve the facility, including a future 3251 square meter (35,000 square foot) addition.**

~~Provide electrical power service monitoring instrumentation on the service entrance main distribution switchboard. A underground lateral from existing Base primary (Primary #46) currently serves both the old BX building (Base Exchange – Building 9497) and the fitness Center Building~~ **AM #4** Provide service entrance and main distribution equipment sized per the NEC for the building loads and capacity for a future 3251 square meters (35,000 square feet) addition and an additional 25% spare capacity. Provide appropriately sized service entrance conductors to support this equipment. Provide service voltage rated 208Y/120 Volts, 3-phase, 4-wire or 480Y/277 Volt, 3-phase, 4-wire with a 3-pole main circuit breaker.

2.7.8 Power Distribution

- A. Provide separate panels for each of the following types of loads:
1. Lighting
 2. Convenience receptacles and general power
 3. Mechanical Systems
 4. Computer equipment
- B. All outlets in office areas shall be served from branch circuit panel boards.
- C. Provide grounding type receptacles of current rating, voltage, phase and configuration as required to serve all equipment.
- D. Provide duplex receptacles to comply with the requirements of the Room Criteria Sheets.
- E. No more than six duplex receptacles shall be connected to a single circuit.
- F. Provide double duplex receptacles with single device plate within 18 inches of each data outlet.

2. 13852 – Fire Alarm System, Radio Type
3. 13930 – Wet Pipe Sprinkler System

2.8.4 Fire Suppression System

A. Design Criteria

1. The fire protection system shall be a wet pipe sprinkler system. The sprinkler systems to be hydraulically designed in accordance with NFPA 13 and design densities to be in accordance with UFC 3-600-01, Section 4, table 4-1 for the facility, Light Hazard density and the storage, mechanical, electrical and pool pump room, Ordinary Hazard Group I density. The sprinkler system shall be provided in all areas of the buildings, including the pool area, basement area, and crawl space under gym floor. Special provision for the area of storage of class III oxidizer (calcium hypochlorite) and associated swimming pool chemistry to 0.35 gpm/SF over room area or 5,000 SF whichever is least.
2. For Light Hazard areas, hydraulic calculations shall be in accordance with the Area/Density method. In accordance with UFC 3-600-01, the system shall be hydraulically designed to discharge a minimum density of 0.10 gpm/SF over the hydraulically most demanding 3000 SF, maximum 225 SF head coverage, with an allowance of 250 gpm for exterior hose streams in accordance with UFC 3-600-01 shall be added to the sprinkler system demand at an appropriate hose stream usage point in the system.
3. In accordance with UFC 3-600-01 the basement utility, mechanical, electrical and swimming pool Pump Rooms shall be hydraulically designed to discharge a minimum density of 0.15 gpm/SF over the room, or 3,000 SF whichever is least. A maximum 130 SF head coverage; with an allowance of 500 gpm for exterior hose streams in accordance with UFC 3-600-01 shall be added to the sprinkler system demand at an appropriate hose stream usage point in the system.
4. In accordance with NFPA 13 (13.27.1.5) and NFPA 430 (Table 5.4.1) the system shall deliver a minimum of 0.35 gpm/SF density over room (or 5,000 SF) whichever is least for storage of class III oxidizer calcium hypochlorite stored <5 feet high bulk/palletized. An allowance of 500 gpm exterior hose stream demand at the appropriate usage point in the system.
5. Sprinkler area coverage; sprinkler distances and spacing from walls, ceilings, obstructions and other sprinklers; sprinkler flow and pressure requirements shall all be in accordance with NFPA 13.
6. The sprinkler design shall be verified by new hydrant flow tests performed in the field by the contractor's fire protection design engineer.
7. A new combined domestic and fire protection water supply line will be installed in this facility. See section 01010-2.3 Civil Design Criteria for new water line requirements. A 6" fire main shall serve the new wet sprinkler system and shall be connected to the new 6" water main serving the facility. The main will serve a AM #4 2 multiple AM#4 riser manifold through a listed double check valve backflow preventer. The system AM #4 for the existing facility AM # 4 will be divided into two zones, one serving the gymnasium AM #4 with a capped outlet for future expansion, AM #4 and the other zone will serve the basement utility space, exercise rooms, mezzanine, locker rooms and pool area. AM#4 An additional fire sprinkler riser shall be installed at the manifold and a 6" sprinkler main extended to the northwest corner of the gymnasium and capped for future expansion AM #4
8. Hydrants shall be flow tested prior to design work on the sprinkler system to check and confirm the actual flow quantities. The final sprinkler system design shall be based on the actual flow quantities. The contractor shall design a fire pump and/or sprinkler storage tank if required due to inadequate fire flows. An inadequate fire flow is when the pressure at the hydrants drops below 20 psi with facility automatic sprinkler system and hydrants flowing at their highest design demand. Comply with NFPA 20.
9. The sprinkler system shall be designed as being in seismic zone 4. Bracing and support of the sprinkler piping shall be in accordance with the seismic requirements of NFPA 13 for this seismic zone, and attributable to IBC seismic acceleration. Additionally, all components of the fire protection system shall be braced and/or supported in accordance with the requirements of UFC 04-010-01 and AF Form 2519.

ROOM NAME	113 - GROUP EXERCISE
Function	Directed group activities, i.e. aerobics, spinning, yoga
Adjacencies	Corridor, Massage, Mezzanine Stair
Minimum Area	NA
Minimum Ceiling Height	NA
BUILDING SYSTEMS	
Electrical	receptacles/strip at center of room for GFGI sound system rack/equipment, additional dedicated 120V/20A circuit and receptacles (220 V/20A w/NEMA 5-20P receptacle typical for treadmills-confirm exact requirements) for each FitLixx equipment location, additional receptacles located at 96" for (GFGI)
Lighting	Recessed dimmable fluorescent or surface wraps as dictated by ceiling type with wall mounted programmable dimmer controls, provide emergency lighting as required.
Telecommunication or other special system(s)	(1) voice port for wall-mounted phone, (2) CATV jacks located at 96" for (GFGI) CATV TV/monitor(s), CATV jack at each FitLixx equipment. Provide cable/conduit system and speakers for (GFGI) sound system.
Data	(1) FitLinx data port for future application, (1) data port located adjacent to receptacle(s) for sound rack
Plumbing	None
Heating	Separate terminal unit for temperature control
Ventilation	Provide required exhaust and makeup air for ventilation; this room has solar heat gain and requires special attention relative to HVAC zoning
Mass Notification System Y/N	Y
PA System Speaker(s) Y/N	Y
SPECIAL REQUIREMENTS	
Storage	Closet on north wall, 36" deep, 2 sets lockable double doors for (GFGI) exercise equipment such as mats, steps, hand weights, noodles
Casework	2 Rows of melamine-faced shelves with PVC edgeband 18"Dx3/4"Tk on heavy duty brackets and standards (secured to blocking) inside closet
Security	(CFCI) 2 Security cameras
Equipment	(CFCI) Music system
Furnishings	(CFCI) Mirrors 5'HxFull Width at north and east walls (mount 30" to bottom of mirror)
Acoustical	Ceiling and/or wall materials to achieve NRC 0.85 <u>AM #4 Ceiling and wall surfaces above 7'-0" treated with 1" acoustic fiberglass board or fabric-wrapped panel rated to minimum NRC 0.70. AM#4</u>
Life Safety	Fire alarm initiating devices, notification appliances and manual pull stations as required
Door	Double doors with full lite safety glass vision panel, lockable
Window	Replace existing windows w/ AT/FP compliant units, operable sections shall be restricted to staff use (either by height or hardware choice)
FINISHES	
Floor	Wood athletic flooring
Base	Ventilated rubber base
Walls	Paint
Wainscot	Sisal to 4'-0" at non-mirror walls, 2'-6" high under mirrors
Ceiling	Exposed to structure, painted
Window Treatment	None

ROOM NAME	114 - GROUP EXERCISE
Function	Directed group activities, i.e. aerobics, spinning, yoga
Adjacencies	Gymnasium, Stair 119 (to mezzanine), exterior
Minimum Area	NA
Minimum Ceiling Height	NA
BUILDING SYSTEMS	
Electrical	Duplex receptacles on 12' centers at 48" on each wall, additional receptacles/strip at center of room for GFGI sound system rack/equipment, additional dedicated 120V/20A circuit and receptacle (220 V/20A w/NEMA 5-
Lighting	Recessed dimmable fluorescent or surface wraps as dictated by ceiling type with wall mounted programmable dimmer controls, provide emergency lighting as required.
Telecommunication or other special system(s)	(1) voice port for wall-mounted phone, (2) CATV jacks located at 96" for (GFGI) CATV TV/monitor(s). CATV jack at each FitLixx equipment location. Provide cable/conduit system and speakers for (GFGI) sound system.
Data	(1) FitLixx data port for future application, (1) data port located adjacent to receptacle(s) for sound rack
Plumbing	None
Heating	Separate terminal unit for temperature control
Ventilation	Provide required exhaust and makeup air for ventilation; this room has solar heat gain and requires special attention relative to HVAC zoning
Mass Notification System Y/N	Y
PA System Speaker(s) Y/N	Y
SPECIAL REQUIREMENTS	
Storage	Closet on north wall, 36" deep, 2 sets lockable double doors for (GFGI) exercise equipment such as mats, steps, hand weights, noodles
Casework	2 Rows of melamine-faced shelves with PVC edgeband 18"Dx3/4"Tk on heavy duty brackets and standards (secured to blocking) inside closet
Security	(CFCI) Security camera
Equipment	(CFCI) Music system
Furnishings	(CFCI) Mirrors 5'HxFull Width at north and west walls (mount 30" to bottom of mirror)
Acoustical	Ceiling and/or wall materials to achieve NRC 0.85 AM #4 Ceiling and wall surfaces above 7'-0" treated with 1" acoustic fiberglass board or fabric-wrapped panel rated to minimum NRC 0.70. AM#4
Life Safety	Fire alarm initiating devices, notification appliances and manual pull stations as required
Door	Double doors with full lite safety glass vision panel to Gym, single door with full lite safety glass vision panel to Corridor
Window	2 new AT/FP compliant window units, operable section shall be restricted to staff use (either by height or hardware choice); match proportion with Group Exercise 113 windows
FINISHES	
Floor	Wood athletic flooring
Base	Ventilated rubber base
Walls	Paint
Wainscot	Sisal to 4'-0" at non-mirror walls, 2'-6" high under mirrors
Ceiling	Exposed to structure, painted
Window Treatment	None